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PS2981 13 June 2002 (13.06.2002) AU(71) Applicant (for all designated States except US): NUCLE-  
ICS PTY LTD [AU/AU]; BioFirst Biotechnology Precinct,  
Level 3, Suite E, Biomedical Building, 1 Central Avenue,  
Australian Technology Park, Eveleigh, NSW 1430 (AU).

(72) Inventors; and

(75) Inventors/Applicants (for US only): TILLETT, Daniel  
[AU/AU]; 5/1 Gordon Street, Randwick, NSW 2031 (AU).  
THOMAS, Torsten [DE/AU]; 6/46 Bream Street, Coogee,  
NSW 2034 (AU).(74) Agent: BALDWIN SHELSTON WATERS; 60 Margaret  
Street, Sydney, NSW 2000 (AU).(84) Designated States (regional): ARIPO patent (GH, GM,  
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(54) Title: DNA AMPLIFICATION AND SEQUENCING IN COLLAPSIBLE EMULSIONS

(57) Abstract: The present invention relates to a method of performing a chemical reaction, in particular a small-scale chemical reaction. The method involves the use of two (or more) phases which, when formed into an emulsion, have the characteristic of being subject to "collapse" under certain physical or chemical conditions such that the discontinuous phase dispersed in the emulsion becomes a substantially continuous phase - the chemical reaction taking place in the newly-formed continuous phase.